

Title (en)

COOLING ARRANGEMENT IN A BUILDING OF A TECHNICAL FUNCTION UNIT, IN PARTICULAR FOR COOLING A DATA CENTER

Title (de)

KÜHLANORDNUNG IN EINEM GEBÄUDE EINER TECHNISCHEN FUNKTIONSEINHEIT, INSBESONDERE ZUM KÜHLEN EINES RECHENZENTRUMS

Title (fr)

DISPOSITIF DE REFROIDISSEMENT DANS UN BÂTIMENT D'UNE UNITÉ TECHNIQUE FONCTIONNELLE, EN PARTICULIER POUR REFROIDIR UN CENTRE INFORMATIQUE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2019211452A1] The invention relates to a cooling arrangement in at least one building (12) with a refrigeration function unit (16) which is arranged in a refrigeration function unit building section (14), wherein at least in one part of the refrigeration function unit building section (14) a refrigerant is processed, provided, conveyed and/or at least temporarily present, wherein the refrigerant, at least temporarily, has a lower temperature than the atmospheric outside air surrounding the building (12), wherein in the stated at least one building (12) or in another adjacent building (12') there is arranged a data center (46) in a data center building section (18), wherein a multiplicity of cabinets (48) for the installation of IT systems, EDP systems, network systems and/or telecommunication systems are arranged in the data center building section (18), there being provided at least one means for the direct or indirect at least partial use of the refrigerant for cooling of the ambient air in the data center building section (18).

IPC 8 full level

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